

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q3/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/032424 A1 (JUDD MANO D ET AL) 13 February 2003 (2003-02-13) abstract	1-32
X	EP 1 315 235 A (SANYO ELECTRIC CO) 28 May 2003 (2003-05-28) abstract	1-32



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the International filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the International search

25 June 2004

Date of mailing of the International search report

02/07/2004

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l. Application No

PCT/IT 03/00655

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003032424 A1	13-02-2003	WO 03017707 A1 US 2003032454 A1	27-02-2003 13-02-2003
EP 1315235 A	28-05-2003	JP 2002077007 A JP 3363879 B2 JP 2002076744 A AU 8017001 A EP 1315235 A1 US 2004048581 A1 WO 0217432 A1 TW 504865 B	15-03-2002 08-01-2003 15-03-2002 04-03-2002 28-05-2003 11-03-2004 28-02-2002 01-10-2002